

SPECIFICATION AMENDMENTS

The specification at paragraph [0027] has been rewritten as follows:

[0027] The fluid control body 12 preferably includes a central cavity 16, wherein the central cavity 16 preferably includes a fluid supply passage 18 and a fluid control passage 20. These passages preferably communicate with either a supply line in the manifold or a control line, as is readily known in the art. A feed supply tube 22 is preferably integrally molded with the fluid control body 12. Feed supply tube 22 preferably includes an outer diameter 24, which is in communication with the control passage 20, and preferably includes an inner bore 26 in communication with the supply passage 18 through laterally extending port 28. The feed supply tube 22 is preferably supported in the cavity 16 by at least one or more segmented areas 30, best shown in Fig. 6. Preferably, there are three segmented flow passages 30a on each side of the feed supply tube 22, as shown in Fig. 6. The feed supply tube 22 preferably includes a valve receiving area 32.

The specification at paragraph [0028] has been rewritten as follows:

[0028] A valve seat-forming portion 34 is preferably made out of a metal material and is press fit into the feed supply tube 22. The outer diameter of the valve seat-forming portion 34 is preferably press fit into the valve receiving area 32. By this arrangement, fluid passage is allowed to flow axially through the segmented ~~area 30~~ flow passages 30a, while the webs forming the segmented ~~area~~ areas 30 absorb press loads on the valve seat member 34. An alignment shelf 36 is preferably provided on the

control body for providing proper depth of alignment of the valve seat member 34. A ball valve 38 is preferably held between the valve seat 40 and the valve retainer portion 32. A return spring 35 preferably biases the ball valve 38 toward valve seat 40. The valve seat member 34 preferably provides a passageway 42 to the control passage 20. The ball valve 40 38 is preferably operable to selectively cut off supply of flow from the supply channel 18 to the control passage 20.

The specification at paragraph [0030] has been rewritten as follows:

[0030] Solenoid portion 14 is preferably secured to the fluid control body 12. An O-ring 44 is preferably disposed between the fluid control body 12 and the pole piece assembly 64. The solenoid 14 preferably includes a central axis A-A and has a coil 46 wound around a nonmagnetic bobbin member 48. The bobbin member 48 is preferably stepped radially, and includes a radially outward wall 52 and a radially inward wall 54. A one-piece casing member 50 preferably includes a radially extending flux tube forming annular portion 56. The casing 50 also preferably crimpingly attaches the solenoid 14 to the body 12 by way of the crimped portion 58. An armature 60 is preferably provided, which fits within the wall 54 and is axially movable in response to a current in the coil. The pole piece assembly 64 is preferably secured between the lower portion of the bobbin 48 and the control body 12. The pole piece assembly 64 preferably includes a center orifice 64 64a, which allows the valve seat member 34 to be press fit therein.

The specification at paragraph [0031] has been rewritten as follows:

[0031] The control rod 66 preferably has a tapered upper end 67 and is movable within the valve seat member 34. The armature 60 preferably moves the control rod 66. The tapered pin preferably reduces magnetic flux shorting, thereby improving performance without sacrificing strength.

The specification at paragraph [0032] has been rewritten as follows:

[0032] Assembly standoffs 69 are preferably provided. These standoffs are preferably axially radially extending rib members. These rib members act to preferably provide precise positioning of the casing 50 in the final solenoid control valve of the present invention. Specifically, a retention groove 76 is preferably provided that is engaged by a clip member (not shown) when securing the control valve 10 in a fluid manifold housing in a valve body of a transmission, for example. In the past, getting the fluid control body 12 axially positioned properly in the manifold housing for alignment of the clip with slot groove 76 has been problematic. These ribs ensure precise alignment during assembly for the clip to engage slot groove 76. A preferred embodiment has two ribs 76 69', 69'', respectively, spaced 180° apart and a wider rib 76a 69''' positioned 90° between these ribs 76 69', 69'', respectively.